

the telegraph already referred to, it had been necessary to interpose the indenting apparatus in the course of the circuit; that is, to interrupt the circuit at short space. This was obviated by the discovery of the deflection of the compass needle by *Wiedebach*, in 1819, and the discovery of the electro magnet by *Ampere*, in 1820. The compass needle, when placed at right angles to a wire in its neighborhood, through which a galvanic current passes. According to the second, a piece of soft iron, placed in the axis or centre of a coil of wire, becomes a magnet during the passage of a galvanic current through it.

My experiments, including those just mentioned, states the next above mentioned was applicable to Barlow's project of such a telegraph." Barlow, Greenwich, England, had, in 1825, by the ordinary magnet then in use, attempted to form a telegraph, but considered it impracticable.

According to the testimony of Dr. Gale, addressed by the jury, states that when he, Gale, first became connected with Professor Morse, about 1837, he, Morse, had not succeeded in producing effects at a distance; that when he first called in, he found Professor Morse could not, by an electro magnet, produce effects at the end of

September last. We shall show from the evidence that there is not the slightest interference on the part of the chain's telegraph, with that of Morse's. We shall show that the great credit with which his works have been, and are claimed to be, rewarded, are of principles which he never discovered or invented, and that all he could ever justly claim was his mechanical contrivances, to be operated upon by electricity, or electro-magnetism. Such as his port-rule, and his pen-lever, in combination with magnets and clock-wheels. His pen lever to make dots and lines, on slips of paper, passing over a grooved roller, moved by the clock-wheels. There

heard ship. If this should prove to be the case, why not increase both the corps of Purser and Surgeons—the augmentations of these corps have a long time been needed, and, I believe, frequently asked for. If an Assistant Purser and additional Surgeon were added to each vessel, from a slop-of-war up to a frigate, there could be no objection to the measure; any method, whereby harmony, good feeling, contentment of mind could be produced among the officers and with the crew, will be acceptable, which, however, never can be effected without the proper and judicial aid of the cat-of-nine-tails. R.

To Mr. O'Connor—I could not say positively that it was in September or October. I could not say it was in the summer or winter of the same year; it was in the fall, and the weather was just what we needed. We kept our windows closed.

Then, O. Smith (before seven), supposed I have made the decision of Mr. Forrest's house in Twenty-second street, New York, and I have been there for some time, resting in the hall of the third story, you may have a full view of the kitchen stairs. O—Did you have a conversation with Mrs. Forrest about the difference between the two parties? O—Yes, I did. I told her that she was entirely agreed with Mr. Forrest, that there was no difference between them on that; only she did not like the tone of his (Mr. Forrest's) card; that was about the only thing that she had to say. I told her that she had said very previous to their separation; she said the dislike of the tone of the card, and the language was stronger.

Mr. Joseph E. Dunbar, to be yours, most devoutly. EDWIN.

Q. Joseph E. Dunbar was then called and departed for the grocery; I know Mr. Dunham who kept under the Exchange at one time; I had it pointed to him; he got into the car of the Erie & K. Ry.; he took possession from that car; that the Erie & K. Ry. had been there for some time; that he had been there in 1894; and then purchased the whole establishment; I think he told us in 1894; I speak from my books.

A. Cross examined — Mr. Dunham is now in Ohio, near Warren, Ohio. There were about ten or twelve persons gathered in the place; there was Joseph G. Dunbar, a barber; he is now deceased; there was John M. Dunbar, a barber; more than I can tell where he is; I can't recollect the names of the others.

Mr. Van Fossen: I wish you would get it.

Witness: I am not sure that I could; I'd like it now, I